

Abstract of the Disclosure

A grain dryer includes a wall assembly having (i) an inner wall and an outer wall which defines a grain flow path therebetween, and (ii) a discharge slot defined in the wall assembly through which grain may flow. The grain dryer also includes a grain shelf floor positioned relative to the wall assembly such that grain flowing through the discharge slot advances onto the grain shelf floor. The grain dryer further includes a floor sweep assembly positioned vertically above the grain shelf floor, the floor sweep assembly having (i) a support member, and (ii) a wiper positioned relative to the support member such that, when the floor sweep assembly is viewed in a plan view, the support member defines an intersection with the wiper. The grain dryer also includes a motor for rotating the floor sweep assembly about a central axis. In addition, the grain dryer includes a spacer attached to both the support member and the wiper in a manner which causes the support member to be spaced apart from the wiper. A method of advancing grain in a grain dryer with a floor sweep assembly is also disclosed.